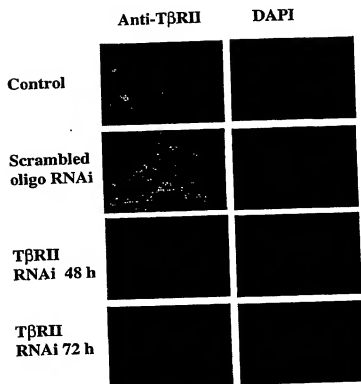


Figure 1**Inhibition of T β RII Expression by RNAi**

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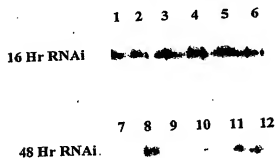
Figure 2**Suppression of TGF β RII Expression by siRNA**

Figure 3A

Target sequence 1: AAGTCGGTTAATAACGACATG (SEQ ID NO: 13)

Position in gene sequence: 423

GC content: 38.1%

Sense strand siRNA: GUCGGUUAUAUACGACAUGt (SEQ ID NO 14)

Antisense strand siRNA: CAUGUCGUUAUUAACCGACt (SEQ ID NO: 15)

Target sequence 2: AACGACATGATAGTCACTGAC (SEQ ID NO: 16)

Position in gene sequence: 435

GC content: 42.9%

Sense strand siRNA: CGACAUGAUAGUCACUGAct (SEQ ID NO: 17)

Antisense strand siRNA: GUCAGUGACUAUCAUGUCGt (SEQ ID NO: 18)

Target sequence 3: AACACGGTGCAGTCAAGTTT (SEQ ID NO: 19)

Position in gene sequence: 456

GC content: 42.9%

Sense strand siRNA: CAACGGUGCAGUCAAGUUUtt (SEQ ID NO: 20)

Antisense strand siRNA: AAACUUGACUGCACCGUUGtt (SEQ ID NO: 21)

Target sequence 4: AACGGTGCAGTCAAGTTTCCA (SEQ ID NO: 22)

Position in gene sequence: 459

GC content: 47.6%

Sense strand siRNA: CGGUGCAGUCAAGUUUCCatt (SEQ ID NO: 23)

Antisense strand siRNA: UGGAACUUGACUGCACCGtt (SEQ ID NO: 24)

Target sequence 5: AAGTTTCCACACTGTGTAAA (SEQ ID NO: 25)

Position in gene sequence: 471

GC content: 33.3%

Sense strand siRNA: GUUUCCACAACUGUGUAAAt (SEQ ID NO: 26)

Antisense strand siRNA: UUUACACAGUUGUGGAAACt (SEQ ID NO: 27)

Target sequence 6: AATCCTGCATGAGCAACTGC (SEQ ID NO: 28)

Position in gene sequence: 528

GC content: 47.6%

Sense strand siRNA: AUCCUGCAUGAGCAACUGCtt (SEQ ID NO: 29)

Antisense strand siRNA: GCAGUUGCUCUAGCAGGAUtt (SEQ ID NO: 30)

Target sequence 7: AAGTCTGTGTGGCTGTATGGA (SEQ ID NO: 31)

Position in gene sequence: 580

GC content: 47.6%

Sense strand siRNA: GUCUGUGUGGCUGUAUGGAtt (SEQ ID NO: 32)

Antisense strand siRNA: UCCAUACAGCCACACAGACt (SEQ ID NO: 33)

Target sequence 8: AAAGAATGACGAGAACATAAC (SEQ ID NO: 34)

Position in gene sequence: 602

GC content: 33.3%

Sense strand siRNA: AGAAUGACGAGAACAUAAc (SEQ ID NO: 35)

Antisense strand siRNA: GUUAUGUUCUGCUCAUUCUtt (SEQ ID NO: 36)

Figure 3B

Target sequence 9: AATGACGAGAACATAACACTA (SEQ ID NO: 37)

Position in gene sequence: 606

GC content: 33.3%

Sense strand siRNA: UGACGAGAACAUAACACUatt (SEQ ID NO: 38)

Antisense strand siRNA: UAGUGUUAUGUUCUGCatt (SEQ ID NO: 39)

Target sequence 10: AACATAACACTAGAGACAGTT (SEQ ID NO: 40)

Position in gene sequence: 615

GC content: 33.3%

Sense strand siRNA: CAUAACACUAGAGACAGUtt (SEQ ID NO: 41)

Antisense strand siRNA: AACUGUCUCUAGUGUUAUGtt (SEQ ID NO: 42)

Target sequence 11: AACACTAGAGACAGTTTGCCA (SEQ ID NO: 43)

Position in gene sequence: 620

GC content: 42.9%

Sense strand siRNA: CACUAGAGACAGUUUGCCatt (SEQ ID NO: 44)

Antisense strand siRNA: UGGCAAACUGUCUCUAGUGtt (SEQ ID NO: 45)

Target sequence 12: AAGATGCTGCTTCTCCAAAGT (SEQ ID NO: 46)

Position in gene sequence: 676

GC content: 42.9%

Sense strand siRNA: GAUGCUGCUUCUCCAAAGutt (SEQ ID NO: 47)

Antisense strand siRNA: ACUUUGGAGAAGCAGCAUctt (SEQ ID NO: 48)

Target sequence 13: AAGCCTGGTGAGACTTCTTC (SEQ ID NO: 49)

Position in gene sequence: 717

GC content: 47.6%

Sense strand siRNA: GCCUGGUGAGACUUUCUctt (SEQ ID NO: 50)

Antisense strand siRNA: GAAGAAAGUCUACCCAGGctt (SEQ ID NO: 51)

Target sequence 14: AATGACAACATCATCTTCTCA (SEQ ID NO: 52)

Position in gene sequence: 765

GC content: 33.3%

Sense strand siRNA: UGACAACAUCUUCUUCatt (SEQ ID NO: 53)

Antisense strand siRNA: UGAGAAGAUGAUGUUGUcatt (SEQ ID NO: 54)

Target sequence 15: AACATCATCTTCTCAGAAGAA (SEQ ID NO: 55)

Position in gene sequence: 771

GC content: 33.3%

Sense strand siRNA: CAUCAUCUUCUCAGAAGAatt (SEQ ID NO: 56)

Antisense strand siRNA: UUCUUCUGAGAAGAUGAUGtt (SEQ ID NO: 57)

Figure 3C

Target sequence 16: AAGAATATAACACCAGCAATC (SEQ ID NO: 157)
Position in gene sequence: 787
GC content: 33.3%
Sense strand siRNA: GAAUAUAACACCAGCAAUCtt (SEQ ID NO: 58)
Antisense strand siRNA: GAUUGCUGGUGUUAUAUUCt (SEQ ID NO: 59)

Target sequence 17: AATATAACACCAGCAATCCTG (SEQ ID NO: 60)
Position in gene sequence: 790
GC content: 38.1%
Sense strand siRNA: UAUAAACCAGCAAUCCUGtt (SEQ ID NO: 61)
Antisense strand siRNA: CAGGAUUGCUGGUGUUAUAtt (SEQ ID NO: 62)

Target sequence 18: AACACCAGCAATCCTGACTG (SEQ ID NO: 63)
Position in gene sequence: 795
GC content: 47.6%
Sense strand siRNA: CACCAGCAAUCCUGACUUGtt (SEQ ID NO: 64)
Antisense strand siRNA: CAAGUCAGGAUUGCUGGUGt (SEQ ID NO: 65)

Target sequence 19: AATCCTGACTTGTGCTAGTC (SEQ ID NO: 66)
Position in gene sequence: 804
GC content: 42.9%
Sense strand siRNA: UCCUGACUUGUUGCUAGUCtt (SEQ ID NO: 67)
Antisense strand siRNA: GACUAGCAACAAGUCAGGAtt (SEQ ID NO: 68)

Target sequence 20: AAGCTGAGTTCAACCTGGGAA (SEQ ID NO: 69)
Position in gene sequence: 921
GC content: 47.6%
Sense strand siRNA: GCUGAGUUAACCUUGGGAAtt (SEQ ID NO: 70)
Antisense strand siRNA: UUCCAGGUUGAACUCAGCtt (SEQ ID NO: 71)

Target sequence 21: AAGATGACCGCTCTGACATCA (SEQ ID NO: 72)
Position in gene sequence: 997
GC content: 47.6%
Sense strand siRNA: GAUGACCGCUCUGACAUCAtt (SEQ ID NO: 73)
Antisense strand siRNA: UGAUGUCAGAGCGGUCAUCtt (SEQ ID NO: 74)

Target sequence 22: AACAACTCAACCACAACACA (SEQ ID NO: 75)
Position in gene sequence: 1032
GC content: 38.1%
Sense strand siRNA: CAACAUAACCACAACAtt (SEQ ID NO: 76)
Antisense strand siRNA: UGUUGUUGGUUGAUGUUGtt (SEQ ID NO: 77)

Figure 3D

Target sequence 23: AACATCAACCACAACACAGAG (SEQ ID NO: 78)
Position in gene sequence: 1035
GC content: 42.9%
Sense strand siRNA: CAUCAACCACAACACAGAGtt (SEQ ID NO: 79)
Antisense strand siRNA: CUCUGUGUUGUGGUUGAUGtt (SEQ ID NO: 80)

Target sequence 24: AAGCTGAAGCAGAACACTTCA (SEQ ID NO: 81)
Position in gene sequence: 1119
GC content: 42.9%
Sense strand siRNA: GCUGAAGCAGAACACUUCatt (SEQ ID NO: 81)
Antisense strand siRNA: UGAAGUGUUCUGCUUCAGCtt (SEQ ID NO: 82)

Target sequence 25: AAGCAGAACACTTCAGAGCAG (SEQ ID NO: 83)
Position in gene sequence: 1125
GC content: 47.6%
Sense strand siRNA: GCAGAACACUUCAGAGCAGtt (SEQ ID NO: 84)
Antisense strand siRNA: CUGCUCUGAAGUGUUCUGCtt (SEQ ID NO: 85)

Target sequence 26: AACACTTCAGAGCAGTTGAG (SEQ ID NO: 86)
Position in gene sequence: 1131
GC content: 42.9%
Sense strand siRNA: CACUUCAGAGCAGUUUGAGtt (SEQ ID NO: 87)
Antisense strand siRNA: CUCAAACUGCUCUGAAGUGtt (SEQ ID NO: 88)

Target sequence 27: AAGATCTTCCCTATGAGGAG (SEQ ID NO: 89)
Position in gene sequence: 1164
GC content: 42.9%
Sense strand siRNA: GAUCUUUCCCUAUGAGGAGtt (SEQ ID NO: 90)
Antisense strand siRNA: CUCCUCAUAGGGAAAGAUCtt (SEQ ID NO: 91)

Target sequence 28: AAGACAGAGAAGGACATCTTC (SEQ ID NO: 92)
Position in gene sequence: 1197
GC content: 42.9%
Sense strand siRNA: GACAGAGAAGGACAUUCUctt (SEQ ID NO: 93)
Antisense strand siRNA: GAAGAUGUCCUUCUCUGUCtt (SEQ ID NO: 94)

Target sequence 29: AAGGACATCTTCTCAGACATC (SEQ ID NO: 95)
Position in gene sequence: 1206
GC content: 42.9%
Sense strand siRNA: GGACAUCUUCUCAGACAUctt (SEQ ID NO: 96)
Antisense strand siRNA: GAUGUCUGAGAAGAUGUCctt (SEQ ID NO: 97)

Figure 3E

Target sequence 30: AATCTGAAGCATGAGAACATA (SEQ ID NO: 98)

Position in gene sequence: 1227

GC content: 33.3%

Sense strand siRNA: UCUGAAGCAUGAGAACAUatt (SEQ ID NO: 99)

Antisense strand siRNA: UAUUUUCUCAUGCUUCAGatt (SEQ ID NO: 100)

Target sequence 31: AAGCATGAGAACATACTCCAG (SEQ ID NO: 158)

Position in gene sequence: 1233

GC content: 42.9%

Sense strand siRNA: GCAUGAGAACAUACUCCAGtt (SEQ ID NO: 101)

Antisense strand siRNA: CUGGAGUAUGUUCUACUGCtt (SEQ ID NO: 102)

Target sequence 32: AACATACTCCAGTTCCTGAGC (SEQ ID NO: 103)

Position in gene sequence: 1242

GC content: 47.6%

Sense strand siRNA: CAUACUCCAGUUCUGACGtt (SEQ ID NO: 104)

Antisense strand siRNA: CGUCAGGAACUGGAGUAUGtt (SEQ ID NO: 105)

Target sequence 33: AAGACGGAGTTGGGGAACAA (SEQ ID NO: 106)

Position in gene sequence: 1275

GC content: 47.6%

Sense strand siRNA: GACGGAGUUGGGGAACAAtt (SEQ ID NO: 107)

Antisense strand siRNA: UUGUUUCCCCAACUCCGUCtt (SEQ ID NO: 108)

Target sequence 34: AAACAATACTGGCTGATCACC (SEQ ID NO: 109)

Position in gene sequence: 1290

GC content: 42.9%

Sense strand siRNA: ACAAUACUGGCUGAUCACctt (SEQ ID NO: 110)

Antisense strand siRNA: GGUGAUCAGCCAGUAUUUGtt (SEQ ID NO: 111)

Target sequence 35: AAGAGTCCAATATCCTCGTG (SEQ ID NO: 112)

Position in gene sequence: 1476

GC content: 47.6%

Sense strand siRNA: GAGCUCCAUAUCCUCGUGtt (SEQ ID NO: 113)

Antisense strand siRNA: CACGAGGAUAUUGGAGCUCtt (SEQ ID NO: 114)

Target sequence 36: AATATCTCGTGAGAACGAC (SEQ ID NO: 115)

Position in gene sequence: 1485

GC content: 42.9%

Sense strand siRNA: UAUCCUCGUGAAGAACGACtt (SEQ ID NO: 116)

Antisense strand siRNA: GUCGUUCUUCACGAGGAUAtt (SEQ ID NO: 117)

Figure 3F

Target sequence 37: AACTGCAAGATACATGGCTCC (SEQ ID NO: 118)

Position in gene sequence: 1595

GC content: 47.6%

Sense strand siRNA: CUGCAAGAUACAUGGCUCctt (SEQ ID NO: 119)

Antisense strand siRNA: GGAGCCAUGAUUCUGCAGtt (SEQ ID NO: 120)

Target sequence 38: AAGATACATGGCTCCAGAAGT (SEQ ID NO: 121)

Position in gene sequence: 1601

GC content: 42.9%

Sense strand siRNA: GAUACAUGGCUCAGAGUtt (SEQ ID NO: 122)

Antisense strand siRNA: ACUUCUGGAGCCAUGUAUctt (SEQ ID NO: 123)

Target sequence 39: AAGTCTAGAAATCCAGGATGA (SEQ ID NO: 124)

Position in gene sequence: 1618

GC content: 42.9%

Sense strand siRNA: GUCCUAGAAUCCAGGAUGatt (SEQ ID NO: 125)

Antisense strand siRNA: UCAUCCUGGAUUCUAGGActt (SEQ ID NO: 126)

Target sequence 40: AATCCAGGATGAATTGGAGA (SEQ ID NO: 127)

Position in gene sequence: 1627

GC content: 38.1%

Sense strand siRNA: UCCAGGAUGAAUUUGGAGatt (SEQ ID NO: 128)

Antisense strand siRNA: UCUCCAAUUUCAUCCUGGatt (SEQ ID NO: 129)

Target sequence 41: AATTGGAGAATGCTGAGTCC (SEQ ID NO: 130)

Position in gene sequence: 1638

GC content: 42.9%

Sense strand siRNA: UUUGGAGAAUGCUGAGUCctt (SEQ ID NO: 131)

Antisense strand siRNA: GGACUCAGCAUUCUCCAAAtt (SEQ ID NO: 132)

Target sequence 42: AATGCTGAGTCCTCAAGCAG (SEQ ID NO: 133)

Position in gene sequence: 1647

GC content: 47.6%

Sense strand siRNA: UGCUGAGUCCUUAAGCAGtt (SEQ ID NO: 134)

Antisense strand siRNA: CUGCUUGAAGGACUCAGCAtt (SEQ ID NO: 135)

Target sequence 43: AAATGACATCTCGCTGTAATG (SEQ ID NO: 136)

Position in gene sequence: 1702

GC content: 38.1%

Sense strand siRNA: AUGACAUCUCGUGUAAUgtt (SEQ ID NO: 137)

Antisense strand siRNA: CAUUCACGCGAGAUUCAUtt (SEQ ID NO: 138)

Figure 3G

Target sequence 44: AATGCAGTGGGAGAAGTAAA (SEQ ID NO: 139)

Position in gene sequence: 1719

GC content: 38.1%

Sense strand siRNA: UGCAGUGGGAGAAGUAAAAtt (SEQ ID NO: 140)

Antisense strand siRNA: UUUUACUUCUCCACUGCAtt (SEQ ID NO: 141)

Target sequence 45: AAGATTATGAGCCTCCATTG (SEQ ID NO: 142)

Position in gene sequence: 1738

GC content: 38.1%

Sense strand siRNA: GAUUUAGAGCCUCCAUUUUGtt (SEQ ID NO: 143)

Antisense strand siRNA: CAAUUGAGGCUCAUAAUCtt (SEQ ID NO: 144)

Target sequence 46: AAAGCATGAAGGACAACGTGT (SEQ ID NO: 145)

Position in gene sequence: 1789

GC content: 42.9%

Sense strand siRNA: AGCAUGAAGGACAACGUGUtt (SEQ ID NO: 146)

Antisense strand siRNA: ACACGUUGUCCUUCAGCAtt (SEQ ID NO: 147)

Target sequence 47: AAGGACAACGTGTTGAGAGAT (SEQ ID NO: 148)

Position in gene sequence: 1797

GC content: 42.9%

Sense strand siRNA: GGACAACGUGUUGAGAGAUtt (SEQ ID NO: 149)

Antisense strand siRNA: AUCUCUCAACACGUUGUCtt (SEQ ID NO: 150)

Target sequence 48: AAATCCCAGCTTCTGGGTCA (SEQ ID NO: 151)

Position in gene sequence: 1831

GC content: 47.6%

Sense strand siRNA: AUUCCAGCUUCUGGCUCAtt (SEQ ID NO: 152)

Antisense strand siRNA: UGAGCCAGAAGCUGGGAUtt (SEQ ID NO: 153)

Target sequence 49: AAGACGGCTCCCTAAACATA (SEQ ID NO: 154)

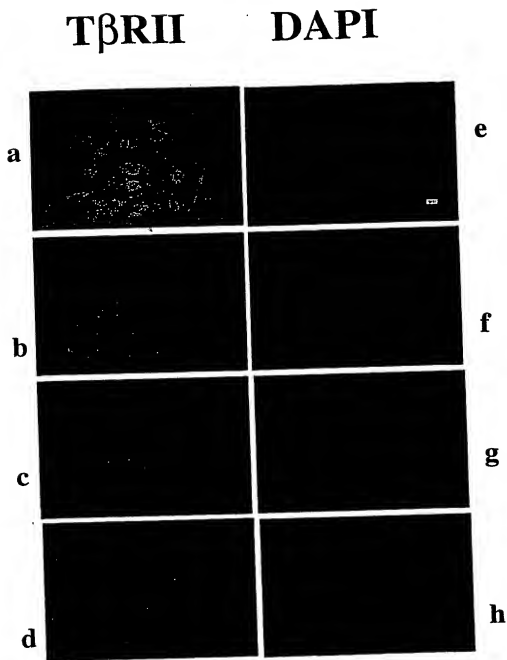
Position in gene sequence: 2011

GC content: 47.6%

Sense strand siRNA: GACGGCUCCCUAAACAUAtt (SEQ ID NO: 155)

Antisense strand siRNA: UAGUGUUUAGGGAGCCGUCtt (SEQ ID NO: 156)

Fig. 4



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